



## Master Drawing List

Report No. 43  
Revision AF  
20 October 2017

For STC SA02279AT

Boom Beam Project

See Approved Model List LSM-500-025



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## Table of Contents

<b>Section</b>	<b>Page</b>
Installation Documents	3
Manufacturing Documents	8
Other Data	14
Revision Control	15

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-001	ZZ	05-22-06	Boom Beam Installation	Mooney M20J
LSM-500-005	ZZ	05-22-06	Boom Beam Installation - Bonanza	Raytheon 33, 35, 36 All Series
LSM-500-006	J	07/07/14	Boom Beam Installation - Bonanza	36, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, A36, A36TC, B36TC, E33, E33A, E33C, F33, F33A, F33C, G33, G36, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B
LSM-500-007	G	01-19-11	Boom Beam Installation - Mooney	M20C, M20E, M20F, M20G, M20J
LSM-500-008	I	09-17-10	Boom Beam Installation - Cessna	PA-28-151, PA-28-161
LSM-500-010	J	12/09/10	Boom Beam Installation - Field Approval	All Models – Field Approval
LSM-500-011	G	12/07/09	Boom Beam Installation - Cessna Wing Mount	172R, 172S
LSM-500-012	S	07/07/14	Boom Beam Installation - Nose Gear Mounted Light	PA-46-310P PA-46-350P PA-46-500TP
LSM-500-013	P	03/28/17	Boom Beam Installation - Wing Tip	PA-46-310P PA-46-350P PA-46-R350T PA-46-500TP

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-014	F	04/22/15	Boom Beam Installation - Cessna	206H, 210A, 210B 210C, 210D, 210E 210F, 210G, 210H 210J, 210K, 210L 210M, 210N, 210R P206, P206A, P206B, P206C P206E, T206G T206H, TP206A TP206B, TP206C TP206D, TP206E TU206A, TU206B TU206C, TU206D TU206E, TU206F TU206G, U206 U206A, U206B U206C, U206D U206E, U206F U206G,
LSM-500-016	K	09-22-10	Boom Beam Installation - Piper	PA-28-150 PA-28-151 PA-28-160 PA-28-180 PA-28-181 PA-28-201 PA-28-235 PA-28-236 PA-28R-180 PA-28R-200 PA-28R-201 PA-28RT-201 PA-32-260 PA-32-300 PA-32-301 PA-32R-300 PA-32R-301 PA-32RT-300 PA-32RT-301
LSM-500-018	F	12/15/15	Boom Beam Installation - Seminole (New Style)	PA-44-180 PA-44-180T

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-019	L	12/23/14	Boom Beam Installation – Nacelle & Wing Mounted HID Lights	58, 555A, 56TC 58A, 58TC, 58TCA 95, 95-55, 95-A55 95-B55, 95-B55A 95-B55B (T-42) 95-C55, 95-C55A A56TC, B95A D55, D55A, D95A E55, E95, G58
LSM-500-020	E	07/07/14	Boom Beam Installation - Wing Mounted HID Lights	PA-24-180 PA-24-250 PA-24-260 PA-24-400 PA-30, PA-39
LSM-500-021	H	12/20/16	Boom Beam Installation - Nose Gear Mounted HID Light	340A, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F
LSM-500-022	D	02-03-11	Boom Beam Installation - Piper Aztec Nose Cone Mounted HID Light	PA-23, PA-23-160, PA-23-235, PA-23-250 PA-E23-250
LSM-500-023	E	02-07-17	Boom Beam Installation - PA32 with LoPresti Cowling Installed	PA-32-300 PA-32-301 PA-32R-300 PA-32R-301 PA-32RT-300 PA-32RT-301
LSM-500-025	Y	As Approved	Approved Model List for STC SA02279AT	ALL
LSM-500-024	G	03-16-11	Boom Beam Installation - Cessna P210	P210N, P210R
LSM-500-026	F	07-07-14	Boom Beam Installation - Wing Mounted	AG5B

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-027	AD	08-25-16	Boom Beam Installation - King Air	100, 200, 200C 200CT, 200T 300, 300LW A100 (U-21F) A100-1, A100A A100C, A200C A200CT(C-12D) A90, B100, B200 B200C, B200CGT B200CT, B200GT B200T, B300 B300C, B90 C-12D, C-12F C-12R, C90 C90A, C90GT C90GTi, C99 C99, E90, F90 FWC-12D, H90 JU-21, RC-12D RC-12G, RC-12H RC-12K, RC-12Q RU-21A, RU-21B RU-21C, RU-21D RU-21E, RU-21H U-21A, U-21G U-21J, UC-12B UC-12F, UC-12M
LSM-500-028	G	01-27-15	Boom Beam Installation – Grumman AA5	AA5, AA5A, AA5B
LSM-500-029	D	12-09-10	Boom Beam Installation - Cessna T210	T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R
LSM-500-032	I	09-17-10	Boom Beam Installation - Cessna 172	172L, 172M, 172N
LSM-500-033	G	07-07-14	Boom Beam Installation - Seneca Nose Gear	PA-34-200 PA-34-200T PA-34-220T

Installation Documents				
Dwg. No.	Rev	Date	Nomenclature	Models
LSM-500-034	M	12-27-16	Boom Beam Installation - Piper with LoPresti Zip Tips	Piper Models PA-28-140 PA-28-150 PA-28-160 PA-28-161 PA-28-180 PA-28-181 PA-28-201T PA-28-236 PA-28R-180 PA-28R-200 PA-28R-201 PA-28R-201T PA-28RT-201 PA-28RT-201T PA-32-300 PA-32-301 PA-32-301FT PA-32-301T PA-32-301XTC PA-32R-300 PA-32R-300T PA-32R-301 PA-32R-301T PA-32RT-300 PA-32RT-300T PA-34-200 PA-34-200T PA-34-220T Beech Aircraft Corporation 19A, B19 M19A 23 A23 A23A A23-19 A23-24 B23 C23 A24 A24R B24R C24R

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-035	E	09-17-10	Boom Beam Installation - Cessna Dual Lamp	172L, 172M, 172N
LSM-500-036	D	10-11-16	Boom Beam Installation - Piper with LoPresti Cowling Installed	PA-28R-180 PA-28R-200 PA-28R-201 PA-28RT-201
LSM-500-040	F	01-07-15	Boom Beam Installation - Cessna Caravan	208, 208B
LSM-500-041	B	09-17-10	Boom Beam Installation - Turbo Arrow	PA-28-201T PA-28R-201T PA-28RT-201T
LSM-500-043	A	10-23-06	Boom Beam Installation - Bonanza Nose Gear Taxi Light	33, 35, 36
LSM-500-044	D	11-05-15	Boom Beam Installation - Piper Seminole	PA-44-180, PA-44-180T
LSM-500-045	D	12-03-15	Boom Beam Installation - TBM 700/800	TBM700
LSM-500-051	D	01-05-11	Boom Beam Installation - King Air	100, A100 (U-21F) A100-1, A100A A100C
LSM-500-058	C	04-23-12	Boom Beam Installation - Mooney Wing Mounted Lights	M20L, M20M, M20R, M20S
LSM-500-059	C	12-21-16	Boom Beam Installation - Cessna 310 Nose Light	310, 320
LSM-500-061	A	07-17-08	HID Lighting System Installation	All Models
LSM-500-063	C	03-09-15	Boom Beam Installation – Nacelle mounted HID Lights	58P, 58PA
LSM-500-064	B	10-28-15	Boom Beam Installation – Cessna Wing Light	182S, 182T, T182T
LSM-500-067	G	12-23-14	Boom Beam Installation – Diamond DA-40	DA 40, DA 40 F, DA 40 NG



<b>Installation Documents</b>				
<b>Dwg. No</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-073	E	04-02-15	Boom Beam Installation – DHC-2 Beaver, Otter, Twin Otter	DHC-2 MKI, DHC-2 MKIII, DHC-3, DHC-6
LSM-500-074	B	06-29-12	Boom Beam Installation – Piper Cheyenne	PA-31, (31T) PA-31-300, (31T1) PA-31-325, (31T2) PA-31-350, (31T3) PA-42 PA-42-1000 PA-42-720 PA-42-720R
LSM-500-075	J	09-12-16	Boom Beam Installation – Pilatus PC-12	PC-12, PC-12/45, PC-12/47, PC-12/47E

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-077	C	10-25-12	Boom Beam Installation – Diamond DA-20	DA-20-A1, DA-20-C1
LSM-500-081	E	07-09-14	Boom Beam Installation – Piper Matrix	PA-46-R350T
LSM-500-082	R	07-07-16	Boom Beam Installation- Cirrus	SR20, SR22, SR22T

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-084	A	05-17-14	Boom Beam Installation- Maule Wing Mount Landing & Taxi	M-4T, M-4 M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4C, M-4S M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420AC M-7-420AC M-8-235, MT-7-235, MT-7-420 MX-7-160 MX-7-160C MX-7-180A MX-7-180AC MX-7-180B, MX-7-180C, MX-7-235, MX-7-420 MXT-7-160 MXT-7-180, MXT-7-180A

<b>Installation Documents</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-089	IR	03-02-10	Boom Beam Installation – Cessna 172 Wing Lights	172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172M, 172N, 172P, 172Q,
LSM-500-090	B	08-13-15	Boom Beam Installation – Cessna 421 Nose Light	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425
LSM-500-092	F	07-09-14	Boom Beam Installation – Cessna 400 Wing Lights	LC40-550FG, (300) LC41-550FG, (350) LC42-550FG, (400) T240, (TTX)
LSM-500-093	B	07-21-17	Boom Beam Installation – Cessna 182 Dual Cowl Lights	182P, 182Q, 182R, 185
LSM-500-094	IR	09-17-10	Boom Beam Installation – Cessna 337 Dual Cowl Lights	337, 337F, 337G 337H, P337H, T337F, T337G T337H, T337H-SP
LSM-500-095	A	02-17-11	Boom Beam Installation – Cirrus X3 Upgrade	SR20, SR22
LSM-500-096	IR	09-17-10	Boom Beam Installation – King Air Wing Lights	B90, C-99
LSM-500-097	C	07-10-14	Boom Beam Installation – Pilatus Recognition Lights	PC-12, PC-12/45, PC-12/47, PC-12/47E
LSM-500-098	A	09-27-11	Boom Beam Installation – Turbo Saratoga TurboPLUS Cowl Landing Light	PA-32-301T, PA-32R-300T PA-32R-301RT PA-32RT-300T
LSM-500-099	R	09-09-15	Boom Beam Installation – Cessna Citation CJ Series Landing Lights	525 (CJ) 525 (CJ, CJ1, CJ1+) 525A (CJ2, CJ2+) 525B (CJ3)
LSM-500-102	A	06-01-17	Boom Beam Installation, HID Upgrade Kit for Grimes Retractable Landing Light,	Cessna Models 310, 310J, 310A

Installation Documents				
Dwg. No.	Rev	Date	Nomenclature	Models
			Models G-800A & G3801A	(USAF U-3A), 310J-1, 310B, E310J, 310C, 310K, 310D, 310L, 310E, (USAF U-3B), 310N, 310F, 310P 310G, T310P, 310H, 310Q, E310H, T310Q, 310I, 310R T310R, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 340A, 401, 401A, 401B, 402, 402A, 402B, 402C, 404, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425
LSM-500-110	D	11-23-16	Boom Beam Installation – Beechcraft Premier Landing Lights	390
LSM-500-113	IR	08-28-14	Boom Beam Installation – Cowl Mounted Landing Light	EA-400
LSM-500-117	C	11-20-15	Boom Beam Instl- Landing/ Taxi Lights, Cessna Mustang, Cessna Citation Series	510 (Mustang) 525 (CJ) 525 (CJ, CJ1, CJ1+) 525A (CJ2, CJ2+)
LSM-500-122	B	04-17-17	LAZR LED Instl	ALL
LSM-500-127	IR	11-13-15	Installation Instructions for Piper Aircraft with STC# SA543NE Leading Wing Lights Installed	PA-32-260/300, PA-32S-300, PA- 32R-300, PA- 32RT-300/300T
LSM-500-128	IR	04-04-16	Boom Beam Installation – Piaggio Aerospace Avanti II Taxi/Landing Lights	P-180

LSM-500-129	A	07-02-17	Boom Beam Installation – Embraer Phenom 300 Taxi and Landing Lights	EMB-505 (Phenom 300)
LSM-500-135	A	10-19-17	Boom Beam Installation – Cirrus Wing Tip Light	SR20, SR22, SR22T
LSM-500-138	A	09-20-17	Boom Beam Installation – Embraer EMB-500 Taxi and Landing Lights	EMB-500 (Phenom 100, 100E, 100EV)
LSM-800-007	F	04-18-12	Boom Beam Installation – Cirrus Wingtip Lights	SR22
LSM-800-028	C	11-04-10	Boom Beam Installation – Cirrus G3 Wingtip Lights	SR20, SR22, SR22T
LSM-800-033	D	09-22-10	Boom Beam Installation – Cirrus G1 & G2 PowerPulse Wingtip Lights	Cirrus SR22

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-100-298	J	07-20-16	Placards	ALL
LSM-400-162	C	09-14-04	Reflector Lens Assy	PA-32-300, PA-32-301 PA-32R-300 PA-32R-301 PA-32RT-300
LSM-500-002	ZZ	08-30-99	Part 4221 PAR 46 Lens / Reflector And Bulb Adapter	M20J
LSM-500-003	ZZ	08-29-00	35 W HID Ballast Starter and Assorted Jumpers	M20J
LSM-500-004	ZZ	05-19-00	Part 4219H Flood PAR 46 Lens / Reflector And HID Bulb Adapter	M20J
LSM-500-200-100	A	06-06-03	HID Bulb/Starter Assembly	ALL
LSM-500-200-14	IR	03-04-03	HID System Assembly 12 volt 35 watt	ALL
LSM-500-200-28	IR	03-04-03	HID System Assembly 24 volt 35 watt	ALL
LSM-500-200-114	A	04-02-03	HID Ballast 12 volt	ALL
LSM-500-200-128	A	12-02-03	HID Ballast 24 volt	ALL
LSM-500-300-46T	IR	03-04-03	PAR 46 Taxi Lens/Reflector	ALL
LSM-500-300-46L	IR	03-04-03	PAR 46 Landing Lens/Reflector	ALL
LSM-500-300-46I	A	12-22-16	PAR 46 Intermediate Reflector	ALL
LSM-500-300-36T	B	11-09-16	HID PAR 36 Lens Reflector Taxi Beam	ALL

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-300-36L	A	04-29-05	HID PAR 36 Lens Reflector Landing Beam	ALL
LSM-500-300-36I	A	04-02-03	HID PAR 36 Lens Reflector Intermediate Beam	ALL
LSM-500-301	E	06-16-06	HID Lens Reflector Wing Tip	PA-46-310P PA-46-350P PA-46-500TP
LSM-500-302	N	07-27-16	Reflector Lens Assembly	AG5B, SR20, SR22
LSM-500-304	G	04-13-15	Starter Support Strap	ALL
LSM-500-308	J	08-22-17	Adapter	PA-46-310P PA-46-350P PA-46-500TP
LSM-500-310	B	09-14-04	Assorted Jumper Wires	ALL
LSM-500-311	B	02-01-10	Nose Cone Power Supply Bracket Seminole	PA-44-180 PA-44-180T
LSM-500-313	D	02-03-07	PAR 36 HID Light Housing	90, 99, 100, 200, 300, 350
LSM-500-314	H	10-23-08	Bulb/ Starter Wire	ALL
LSM-500-315	G	08-01-16	Par 36 Landing Gear Bracket King Air	90, 99, 100, 200, 300, 350
LSM-500-317	C	06/30/13	Cap-AA5A, AA5B	Grumman AA5A, AA5B
LSM-500-318	C	06-30-13	Light Housing T210	T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N T210R
LSM-500-319	B	06-30-13	Light Housing P210	P210N, P210R



<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-321	B	09-20-04	HID Bracket Assy-Seneca Nose Gear	PA34-200 PA34-200T PA34-220T
LSM-500-322	B	06-30-13	HID Housing Assy-Cessna	172M, 172N
LSM-500-323	B	09-20-04	Clips-Seneca Nose Gear HID	PA34-200 PA34-200T PA34-220T
LSM-500-331	B	09-14-04	HID Cables Ballast to Lamp/Starter	ALL
LSM-500-335	G	12-16-15	Lens, Rectangular	ALL
LSM-500-336	J	08-09-16	HID Cable Assys, Cirrus Design	SR20, SR22
LSM-500-338	A	11-08-05	HID Bracket – Bonanza Nose Gear	33, 35, 36
LSM-500-344	R	06-02-14	Dual Ballast Assy	390, 525, 525A, 525B
LSM-500-347	E	03-28-17	Wire Harness Assy, Piper Seminole, Ballast to Power	PA44-180
LSM-500-355	C	07-28-08	Retainer Details, Baron	Beech 58, 58A, 58TC, 58TCA, 58P, 58PA
LSM-500-358	B	08-09-16	PAR 46 Assy, Hawker	340A, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 310, AG5B

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-360	C	03-03-10	Stud, Modified	172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172M, 172N, 172P, 172Q, F172, FR172, R172E
LSM-500-362	B	08-23-10	PAR 46 Ring	M20C, M20E, M20F, M20G, M20J, 172L, 172M, 172N
LSM-500-363	IR	04-01-05	Safety Strap	90, 100
LSM-500-369	A	01-31-13	Light Housing, PAR 36	90, 100, 200, 300, 350
LSM-500-370	R	03-17-17	Light Housing Assy, King Air	90, 100, 200, 300, 350
LSM-500-372	D	06-24-09	Light Housing Assy, PAR 36	340A, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 310
LSM-500-374	D	08-10-16	Reflector Assy, Mooney	M20L, M20M, M20R, M20S
LSM-500-375	C	06-13-07	Bracket Assy, Bonanza Nose Gear	33, 35, 36
LSM-500-380	IR	02-15-06	PAR 36 Reflector	ALL
LSM-500-381	IR	02-15-06	PAR 46 Reflector	ALL
LSM-500-389	A	01-04-10	Ballast Mount Bracket, Cheyenne	PA-31T, PA- 31T1, PA- 31T2, PA- 31T3, PA-42

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-390	J	09-01-16	Reflector Assy, Pilatus PC-12	PC-12, PC-12/45, PC-12/47, PC-12/47E
LSM-500-393	G	02-11-15	Mount Bracket, Pilatus	PC-12, PC-12/45, PC-12/47, PC-12/47E
LSM-500-395	V	03-09-17	Rectangular Reflector Assys	ALL
LSM-500-410	J	05-05-17	Reflector Assy, Pilatus PC-12	PC-12, PC-12/45, PC-12/47, PC-12/47E
LSM-500-414	A	09-27-11	Reflector Assy, Turbo Saratoga	PA-32-301T, PA-32R-301RT, PA-32RT-300T
LSM-500-415	T	03-02-17	Reflector Assy, Citation CJ Series	390, 525, 525A, 525B
LSM-500-421	E	03-15-17	Ballast Assy, G280	SR20, SR22, SR22T
LSM-500-423	N	03-18-17	Ballast Assy	510, 525, 525A, 525B
LSM-500-431	E	09-06-16	Par 36 Light Assy	King Air 90, 100, 200, 300, 350
LSM-500-436	A	01-07-16	Taxi/ Landing Light Assy, Cessna Mustang 510	510, 525, 525A, 525B
LSM-500-437	K	10-19-16	Relay Wire Harness, Mustang 510	510, 525, 525A, 525B
LSM-500-439	C	04-07-17	Par 46 Landing/ Taxi Assy	ALL
LSM-500-442	IR	08-16-16	Taxi/ Landing Light Assy, Embraer Phenom 300	EMB-505 (Phenom 300)

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-500-443	A	05-26-17	Ballast Assy	EMB-505 (Phenom 300)
LSM-500-445	A	04-06-17	Wing Tip Light/ Ballast Assembly, Cirrus G2, G3	SR20, SR22, SR22T
LSM-501-001	IR	08-20-02	Silicon Spacer	172R, 172S
LSM-501-100	C	08-23-16	Bulb Retainer	Raytheon 33, 35, 36 All Series
LSM-501-101	F	04-12-07	Cadet/ Warrior Boom Beam Bracket	PA-28-151, PA-28-161
LSM-501-102	J	08-31-16	Nose Gear Brackets Malibu HID Lights	PA-46-310P PA-46-350P PA-46-500TP
LSM-501-103	G	10-13-15	Ballast Mounting Guide	ALL
LSM-501-104	A	06-30-13	Bezel Ring Details, Cherokee 140	PA-28-140
LSM-502-100	P	09-20-16	Retainer Rings	PA-24-180 PA-24-250 PA-24-260 PA-30, PA-39, PA-28R-180, PA28R-200, PA28R-201, PA28RT-201 PA32-300, PA32-301, PA32R-300, PA32R-301
LSM-800-003	E	06-30-17	Attach Bracket, Cirrus Wingtip	SR22
LSM-800-004	C	08-22-16	Light Pocket, Cirrus Wingtip	SR22
LSM-800-006	IR	01-18-07	Lens Cover, Cirrus Wingtip	SR22

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-800-007	G	02-06-14	Cirrus Wingtip Boom Beam Instl	SR22
LSM-800-009	J	07-18-16	Wingtip Assy	SR22
LSM-800-010	B	04-28-08	Wiring Diagram, Cirrus Wingtip	SR22
LSM-800-011	F	02-07-14	Wire Harness Assemblies, Cirrus Wingtip	SR22
LSM-800-023	A	06-27-13	Light Pocket, G3 Wingtip	SR22
LSM-800-024	A	03-14-13	Mount Bracket, G3 Wingtip	SR22
LSM-800-025	IR	09-04-08	Lens Cover, G3 Wingtip	SR22
LSM-800-026	K	06-05-14	Cirrus G3 Wingtip Light Assy	SR22
LSM-800-028	D	06-02-14	Cirrus G3 Wingtip Installation	SR22
LSM-800-029	IR	08-26-08	Cirrus G3 Wingtip Wiring Diagram	SR22
LSM-800-031	A	01-19-10	Wiring Diagram, G2 PowerPulse	SR22
LSM-800-032	A	01-19-10	Wiring Diagram, G2 PowerPulse	SR22
LSM-800-034	D	06-27-13	Wingtip Assy, G2 PowerPulse	SR22
LSM-800-035	A	01-19-10	Wiring Diagram, G2 PowerPulse	SR22

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-SCD-002	IR	05-10-05	Light Housing, PAR 36	90, 99, 100, 200, 300, 350
LSM-SCD-003	C	08-14-17	PAR 36 Reflector, Landing	ALL
LSM-SCD-004	F	08-16-17	PAR 36 Reflector, Taxi	ALL
LSM-SCD-005	F	05-17-13	Rectangular Reflector	ALL
LSM-SCD-006	A	09-04-08	Ballast, 35W HID	ALL

<b>Manufacturing Drawings</b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
LSM-SCD-007	K	09-06-17	Wire Harness, Ballast – Power	ALL
LSM-SCD-008	L	08-01-17	Wire Harness, Ballast – Lamp	ALL
LSM-SCD-009	F	08-10-17	Lamp/Starter, HID	ALL
LSM-SCD-019	K	06-26-17	Ballast 12-24 VDC, 55W	ALL
LSM-SCD-021	IR	11-04-09	Maxpulse Landing Light Controller	SR20, SR22,
LSM-SCD-034	IR	04-28-14	Spacer, Connector, Rubber	ALL
LSM-SCD-038	L	03-17-17	Par 36 Light Housing Assy	King Air 90, 100, 200, 300, 350
LSM-SCD-039	IR	08-08-14	Par 46-40W LED Light Assy	ALL
LSM-SCD-042	IR	05-28-15	Par 36-24W LED Light Assy	ALL
LSM-SCD-043	A	01-07-16	Taxi/ Landing Light Housing, Cessna Mustang 510	510, 525, 525A, 525B. EMB-505 (Phenom 300)
LSM-SCD-045	IR	08-16-16	Taxi/ Landing Fairing Mounted Light Housing Embraer Phenom 300 Model EMB-505	EMB-505 (Phenom 300)
LSM-SCD-047	IR	06-19-17	Par 36 Reflector	ALL

<b><i>Other Data</i></b>				
<b>Dwg. No.</b>	<b>Rev</b>	<b>Date</b>	<b>Nomenclature</b>	<b>Models</b>
Report #103	IR	08-26-99	Compliance Check List M20J Series of Aircraft	M20J
LSM200602	IR	06-07-06	Blind Rivet Substitution	ALL



<b>Revision Control</b>		
<b>Rev</b>	<b>Date</b>	<b>Description</b>
F	07-15-02	Added Baron model 58
G	01-20-03	Added Cessna 340, 340A, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335 Piper PA-46 and PA-24 series and PA-30 and PA-39
H	04-16-03	Added Tiger AG5B, Added King Air (See Approved Model List) Added Mooney M20C, M20E, M20F, M20G, M20J Added Cessna 172M, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R, P210N, P210R Added Grumman AA5, AA5A, AA5B Added Piper (See Approved Model List)
J	06-06-03	Added LSM-500-008 & LSM-501-101 for PA-28-151 & PA-28-161 Added LSM-501-103 for all models Added LSM-500-011& LSM-501-001for 172R, 172S Added LSM-500-014 for 210A thru 210H, 210J thru 210N, 210R Added LSM-500-016 for PA-28R-180, PA28R-200, PA28R-201, PA28RT-201 PA32-300, PA32-301, PA32R-300, PA32R-301 LSM-501-100 Rev E was Rev IR
K	07-17-03	LSM-500-016 WAS REV D LSM-500-032 WAS REV IR ADDED LSM-400-162 & LSM-500-023 for models PA32-300, PA32-301, PA32R-300, PA-32R-301PA-32RT-300, ADDED LSM-500-032 & LSM-500-035 & LSM-500-322 for models 172M, 172N, 172L ADDED LSM-500-321 & LSM-500-323 for models PA34-200, PA34-200T, PA34-220T,

Rev	Date	Description
L	07-28-04	<p>LSM-500-006 WAS REV IR, LSM-500-007 WAS REV IR  LSM-500-008 WAS REV C, LSM-500-010 WAS REV B  LSM-500-012 WAS REV B, LSM-500-013 WAS REV B  LSM-500-018 WAS REV A, LSM-500-019 WAS REV IR  LSM-500-021 WAS REV IR, LSM-500-022 WAS REV IR  LSM-500-024 WAS REV IR, LSM-500-027 WAS REV IR  LSM-400-162 WAS REV A, LSM-500-200-100 WAS REV IR  LSM-500-200-128 WAS REV IR, LSM-500-301 WAS REV IR  LSM-500-302 WAS REV IR, LSM-500-308 WAS REV IR  LSM-500-311 WAS REV IR, LSM-500-313 WAS REV IR  LSM-500-314 WAS REV IR, LSM-500-315 WAS REV IR  LSM-500-321 WAS REV IR, LSM-500-323 WAS REV IR  LSM-501-100 WAS REV IR, LSM-501-101 WAS REV C  LSM-501-102 WAS REV A, LSM-502-100 WAS REV E  ADDED LSM-500-044 for model PA-44-180  Obsoleted LSM-500-002, Obsoleted LSM-500-003  Obsoleted LSM-500-004</p>
M	11-18-04	Added LSM-500-040 for models 208, 208A, 208B
N	05-06-05	<p>LSM-500-016 was Rev E, LSM-500-019 was Rev A  LSM-500-023 was Rev A, LSM-500-024 was Rev A  LSM-500-027 was Rev C, LSM-500-032 was Rev B  LSM-500-033 was Rev IR, LSM-500-034 was Rev IR  LSM-400-162 was Rev B, LSM-500-300-36T was Rev IR  LSM-500-300-36L was Rev IR, LSM-500-313 was Rev A  LSM-500-314 was Rev A, LSM-500-321 was Rev A  LSM-500-323 was Rev A, LSM-501-103 was Rev IR  LSM-502-100 was Rev G, Added LSM-500-051  Added LSM-500-331, Added LSM-500-347  Added LSM-500-355, Added LSM-500-363</p>

Rev	Date	Description
O	09-30-05	LSM-500-007 was Rev B, LSM-500-010 was Rev D LSM-500-011 was Rev C, LSM-500-012 was Rev C LSM-500-013 was Rev C, LSM-500-016 was Rev F LSM-500-018 was Rev B, LSM-500-019 was Rev B LSM-500-020 was Rev A, LSM-500-021 was Rev B LSM-500-022 was Rev A, LSM-500-023 was Rev B LSM-500-024 was Rev B, LSM-500-027 was Rev G LSM-500-028 was Rev IR, LSM-500-029 was Rev IR LSM-500-032 was Rev C, LSM-500-033 was Rev A LSM-500-034 was Rev A, LSM-500-035 was Rev IR LSM-500-036 was Rev IR, LSM-500-051 was Rev IR LSM-500-301 was Rev B, LSM-500-302 was Rev A LSM-500-304 was Rev IR, LSM-500-308 was Rev C LSM-500-314 was Rev C, LSM-500-355 was Rev IR LSM-501-103 was Rev B, LSM-502-100 was Rev H Added LSM-500-043, Added LSM-500-058 Added LSM-500-059, Added LSM-500-338 Added LSM-500-358, Added LSM-500-362 Added LSM-500-369, Added LSM-500-370 Added LSM-500-372, Added LSM-500-374 Added LSM-SCD-002

Rev	Date	Description
P	07-03-07	Added LSM-500-041, Added LSM-500-045 Added LSM-500-063, Added LSM-500-064 Added LSM-500-375, Added LSM-500-380 Added LSM-500-381, Added LSM-501-104 Added LSM-800-003, Added LSM-800-004 Added LSM-800-006, Added LSM-800-007 Added LSM-800-009, Added LSM-800-010 Added LSM-800-011, Added LSM-SCD-003 Added LSM-SCD-004, LSM-500-006 was Rev D LSM-500-007 was Rev C, LSM-500-008 was Rev E LSM-500-010 was Rev E, LSM-500-012 was Rev D LSM-500-014 was Rev B, LSM-500-016 was Rev G LSM-500-019 was Rev C, LSM-500-021 was Rev C LSM-500-024 was Rev D, LSM-500-026 was Rev A LSM-500-027 was Rev I, LSM-500-029 was Rev A LSM-500-032 was Rev D, LSM-500-036 was Rev A LSM-500-043 was Rev IR, LSM-500-044 was Rev A LSM-500-301 was Rev C, LSM-500-313 was Rev D LSM-500-314 was Rev D, LSM-500-318 was Rev A LSM-500-319 was Rev IR, LSM-500-322 was Rev IR LSM-500-338 was Rev IR, LSM-500-355 was Rev A LSM-500-362 was Rev IR, LSM-500-370 was Rev B LSM-500-372 was Rev A, LSM-500-374 was Rev IR LSM-501-100 was Rev A, LSM-501-101 was Rev D LSM-501-103 was Rev C, LSM-502-100 was Rev I
Q	12-20-07	Added LSM-500-067 Added LSM-500-073 Added LSM-500-074 Added LSM-500-389
R	08-19-08	Added LSM-500-061 Added LSM-SCD-005 Added LSM-SCD-006 Added LSM-SCD-007 Added LSM-SCD-008 Added LSM-SCD-009
S	08-26-08	LSM-500-012 was Rev F LSM-500-302 was Rev B Added Models SR20 & SR22 for LSM-500-302
T	10-21-08	Added LSM-500-077 Added LSM-500-395

Rev	Date	Description
U	08-03-09	Added LSM-500-082, Added LSM-500-335 Added LSM-500-336, Added LSM-SCD-019 LSM-500-026 was Rev C, LSM-500-067 was Rev IR LSM-500-304 was Rev A, LSM-500-355 was Rev B LSM-500-395 was Rev B, LSM-501-103 was Rev D LSM-SCD-005 was Rev C, LSM-SCD-007 was Rev A LSM-SCD-008 was Rev A
V	11-24-09	Added LSM-800-023, Added LSM-800-024 Added LSM-800-025, Added LSM-800-026 Added LSM-800-028, Added LSM-800-029 Added LSM-800-031, Added LSM-800-032 Added LSM-800-033, Added LSM-800-034 Added LSM-800-035, Added LSM-SCD-021 LSM-800-007 was Rev IR, LSM-800-009 was Rev IR LSM-800-010 was Rev IR, LSM-800-011 was Rev IR
W	02-04-10	Added LSM-500-081, Added LSM-500-075 Added LSM-500-390, Added LSM-500-393 LSM-500-013 was Rev D
X	08-03-10	Added LSM-500-089, Added LSM-500-090 Added LSM-500-092, Added LSM-500-093 Added LSM-500-094, Added LSM-500-095 Added LSM-500-096, Added LSM-500-360 LSM-500-027 was Rev J, LSM-500-082 was Rev A LSM-500-335 was Rev IR, LSM-500-336 was Rev D LSM-500-372 was Rev B, LSM-SCD-007 was Rev C LSM-SCD-009 was Rev A, LSM-SCD-019 was Rev IR

Rev	Date	Description
Y	06-13-11	<p>Added LSM-500-097, Added LSM-500-098  Added LSM-500-410, Added LSM-500-414  LSM-500-006 was Rev G, LSM-500-007 was Rev E  LSM-500-008 was Rev H, LSM-500-010 was Rev H  LSM-500-011 was Rev D, LSM-500-012 was Rev G  LSM-500-013 was Rev H, LSM-500-014 was Rev C  LSM-500-016 was Rev H, LSM-500-018 was Rev C  LSM-500-019 was Rev E, LSM-500-020 was Rev B  LSM-500-021 was Rev D, LSM-500-022 was Rev B  LSM-500-023 was Rev C, LSM-500-024 was Rev E  LSM-500-027 was Rev L, LSM-500-028 was Rev A  LSM-500-029 was Rev B, LSM-500-032 was Rev E  LSM-500-033 was Rev B, LSM-500-034 was Rev B  LSM-500-035 was Rev A, LSM-500-036 was Rev B  LSM-500-040 was Rev IR, LSM-500-041 was Rev IR  LSM-500-044 was Rev B, LSM-500-045 was Rev IR  LSM-500-051 was Rev B, LSM-500-058 was Rev IR  LSM-500-059 was Rev IR, LSM-500-063 was Rev IR  LSM-500-064 was Rev IR, LSM-500-067 was Rev A  LSM-500-073 was Rev IR, LSM-500-074 was Rev IR  LSM-500-075 was Rev A, LSM-500-077 was Rev IR  LSM-500-081 was Rev IR, LSM-500-082 was Rev C  LSM-500-090 was Rev IR, LSM-500-095 was Rev IR  LSM-800-007 was Rev C, LSM-800-028 was Rev IR  LSM-800-033 was Rev A, LSM-100-298 was Rev F  LSM-500-302 was Rev C, LSM-500-308 was Rev D  LSM-500-311 was Rev A, LSM-500-336 was Rev E  LSM-500-347 was Rev A, LSM-500-362 was Rev A  LSM-500-370 was Rev E, LSM-500-389 was Rev IR  LSM-500-390 was Rev IR, LSM-500-393 was Rev IR  LSM-500-395 was Rev C, LSM-501-102 was Rev F  LSM-502-100 was Rev L, LSM-800-003 was Rev IR  LSM-800-009 was Rev C, LSM-800-011 was Rev D  LSM-800-026 was Rev A, LSM-800-028 was Rev IR  LSM-800-031 was Rev IR, LSM-800-032 was Rev IR  LSM-800-034 was Rev IR, LSM-800-035 was Rev IR</p>

Rev	Date	Description
Z	03-04-13	LSM-100-298 was Rev G, LSM-500-013 was Rev K LSM-500-019 was Rev G, LSM-500-021 was Rev F LSM-500-027 was Rev M, LSM-500-028 was Rev E LSM-500-033 was Rev C, LSM-500-034 was Rev D LSM-500-045 was Rev A, LSM-500-058 was Rev B LSM-500-059 was Rev A, LSM-500-063 was Rev A LSM-500-067 was Rev C, LSM-500-074 was Rev A LSM-500-075 was Rev B, LSM-500-077 was Rev A LSM-500-082 was Rev F, LSM-500-092 was Rev IR LSM-500-097 was Rev IR, LSM-500-098 was Rev IR LSM-800-007 was Rev E, LSM-500-302 was Rev D LSM-500-315 was Rev A, LSM-500-335 was Rev A LSM-500-336 was Rev F, LSM-500-347 was Rev A LSM-500-369 was Rev IR, LSM-500-370 was Rev E LSM-500-374 was Rev A, LSM-500-375 was Rev B LSM-500-390 was Rev B, LSM-500-393 was Rev A LSM-500-395 was Rev E, LSM-500-410 was Rev IR LSM-500-414 was Rev IR, LSM-501-102 was Rev G LSM-502-100 was Rev M, LSM-800-009 was Rev F LSM-800-026 was Rev F, LSM-SCD-005 was Rev D LSM-SCD-007 was Rev D, LSM-SCD-008 was Rev B LSM-SCD-009 was Rev B, LSM-SCD-019 was Rev B



Rev	Date	Description
AA	06-20-14	<p>LSM-500-006 WAS REV H, LSM-500-013 WAS REV L  LSM-500-019 WAS REV H, LSM-500-020 WAS REV C  LSM-500-026 WAS REV D, LSM-500-033 WAS REV E  LSM-500-034 WAS REV I, LSM-500-040 WAS REV B  LSM-500-045 WAS REV B, LSM-500-067 WAS REV D  LSM-500-073 WAS REV B, LSM-500-075 WAS REV D  LSM-500-077 WAS REV B, LSM-500-081 WAS REV C  LSM-500-082 WAS REV G, LSM-500-092 WAS REV C  LSM-500-097 WAS REV A, LSM-500-302 WAS REV H  LSM-500-304 WAS REV B, LSM-500-315 WAS REV D  LSM-500-318 WAS REV B, LSM-500-319 WAS REV A  LSM-500-322 WAS REV A, LSM-500-335 WAS REV C  LSM-500-336 WAS REV H, LSM-500-347 WAS REV C  LSM-500-355 WAS REV C, LSM-500-358 WAS REV D  IN ERROR  LSM-500-370 WAS REV J, LSM-500-374 WAS REV B  LSM-500-390 WAS REV E, LSM-500-393 WAS REV D  LSM-500-395 WAS REV G, LSM-500-410 WAS REV C  LSM-501-103 WAS REV E, LSM-501-104 WAS REV IR  LSM-502-100 WAS REV N, LSM-800-003 WAS REV B  LSM-800-004 WAS REV IR, ADDED LSM-800-007  LSM-800-009 WAS REV G, LSM-800-011 WAS REV E  LSM-800-023 WAS REV IR, LSM-800-024 WAS REV IR  LSM-800-026 WAS REV H, LSM-800-028 WAS REV C  LSM-800-034 WAS REV C, LSM-SCD-003 WAS REV IR  LSM-SCD-004 WAS REV IR, LSM-SCD-005 WAS REV E  LSM-SCD-007 WAS REV H, LSM-SCD-009 WAS REV C  LSM-SCD-019 WAS REV C, ADDED LSM-SCD-034</p>
AB	01-31-15	<p>LSM-500-019 WAS REV J, LSM-500-027 WAS REV T  LSM-500-040 WAS REV D, LSM-500-067 WAS REV F  LSM-500-075 WAS REV H, LSM-500-082 WAS REV L  LSM-500-302 WAS REV M, LSM-500-393 WAS REV E  LSM-500-410 WAS REV G, LSM-SCD-019 WAS REV F</p>
AC	05-28-15	<p>Revised Format.  Added LSM-500-439</p>
AD	6-29-16	<p>LSM-500-110 WAS REV A ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV B 09-16-15 AND IS NOW REV C.  LSM-500-018 WAS REV D ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV E 11-03-15 AND IS NOW REV F.  LSM-500-027 WAS REV AA ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV AC 06-18-15 AND IS NOW REV AC.  LSM-500-034 WAS REV K ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV L.</p>



	<p>LSM-500-044 WAS REV C ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV D.</p> <p>LSM-500-045 WAS REV C ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV D.</p> <p>LSM-500-064 WAS REV A ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV B.</p> <p>LSM-500-093 WAS REV IR ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV A.</p> <p>LSM-500-099 WAS REV P ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV R.</p> <p>LSM-500-117 WAS REV A ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV B 09-14-15 AND IS NOW REV C.</p> <p>ADDED LSM-500-127 REV IR.</p> <p>ADDED LSM-500-128 REV IR.</p> <p>LSM-500-308 WAS REV F ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV G.</p> <p>LSM-500-335 WAS REV E ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV F 6-12-15 AND IS NOW REV G.</p> <p>LSM-500-395 WAS REV P ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV R 7-13-15 (REV LETTER Q NOT USED) AND WAS REVISED TO REV S 08-06-15 AND WAS REVISED TO REV T 12-11-15 AND IS NOW REV U.</p> <p>LSM-500-423 WAS REV F ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV G 7-28-15 AND WAS REVISED TO REV H 08-07-15 AND WAS REVISED TO REV J 08-12-15 (REV LETTER I NOT USED) AND WAS REVISED TO REV K 10-13-15 AND WAS REVISED TO REV L 12-01-15 AND IS NOW REV M.</p> <p>LSM-500-431 WAS REV A ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV B 07-30-15 AND WAS REVISED TO REV C 11-23-15 AND IS NOW REV D.</p> <p>LSM-500-436 WAS REV IR ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV A.</p> <p>LSM-500-437 WAS REV B ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV C 07-07-15 AND WAS REVISED TO REV D 09-30-15 AND WAS REVISED TO REV E 10-15-15 AND WAS REVISED TO REV F 11-09-15 AND WAS REVISED TO REV G 11-13-15 AND WAS REVISED TO REV H 11-25-15 AND IS NOW REV J (REV LETTER I NOT USED).</p> <p>LSM-501-103 WAS REV F ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV G.</p> <p>LSM-SCD-004 WAS REV A ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV B 11-19-15</p>
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		<p>AND IS NOW REV C.  LSM-SCD-007 WAS REV I ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV J.  LSM-SCD-008 WAS REV F ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV G 01-13-16 AND WAS REVISED TO REV H 03-07-16 AND IS NOW REV J (REV LETTER I NOT USED).  LSM-SCD-019 WAS REV G ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV H 10-02-15 AND IS NOW REV J (REV LETTER I NOT USED).  LSM-SCD-038 WAS REV B ON THE PREVIOUS REV OF THIS DOCUMENT AND WAS REVISED TO REV C 07-10-15 AND WAS REVISED TO REV D 07-24-15 AND WAS REVISED TO REV E 11-16-15 AND WAS REVISED TO REV F 11-23-15 AND WAS REVISED TO REV G 01-28-16 AND WAS REVISED TO REV H 03-28-16 AND IS NOW REV J (REV LETTER I NOT USED).  LSM-SCD-043 WAS REV IR ON THE PREVIOUS REV OF THIS DOCUMENT AND IS NOW REV A.</p>
AE	10-18-16	<p>ADDED "Or Later" to revision for all document and drawing entries.  ADDED LSM-500-129 REV IR FOR EMBRAER MODEL EMB-505.  ADDED LSM-500-442 REV IR FOR EMBRAER MODEL EMB-505.  ADDED LSM-500-443 REV IR FOR EMBRAER MODEL EMB-505.  ADDED LSM-SCD-045 REV IR FOR EMBRAER MODEL EMB-505.  ADDED EMBRAER MODEL EMB-505 FOR LSM-SCD-043.</p>

AF	10-20-17	<p>LSM-100-298 WAS REV H. LSM-500-013 WAS REV N. LSM-500-021 WAS REV G. LSM-500-023 WAS REV D. LSM-500-025 WAS REV W. LSM-500-027 WAS REV AC. LSM-500-034 WAS REV L, <b>ADDED</b> Textron Aviation Models 19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R LSM-500-036 WAS REV C. LSM-500-075 WAS REV H. LSM-500-082 WAS REV P. LSM-500-090 WAS REV A. LSM-500-093 WAS REV A. <b>ADDED</b> LSM-500-102 LSM-500-110 WAS REV C. LSM-500-122 WAS REV IR. LSM-500-129 WAS REV IR. <b>ADDED</b> LSM-500-135 For Cirrus Models SR20, SR22, SR22T <b>ADDED</b> LSM-500-138 For Embraer Model EMB-500 LSM-500-300-36T WAS REV A. LSM-500-300-46I WAS REV IR. LSM-500-302 WAS REV M. LSM-500-308 WAS REV G. LSM-500-315 WAS REV F. LSM-500-336 WAS REV I. LSM-500-347 WAS REV D. LSM-500-358 WAS REV A. LSM-500-370 WAS REV P. LSM-500-374 WAS REV C. LSM-500-390 WAS REV G. LSM-500-395 WAS REV U. LSM-500-410 WAS REV H. <b>ADDED</b> LSM-500-421 For Cirrus Models SR20, SR22, SR22T LSM-500-423 WAS REV M. LSM-500-431 WAS REV D. LSM-500-437 WAS REV J. LSM-500-439 WAS REV IR. LSM-500-443 WAS REV IR. <b>ADDED</b> LSM-500-445 For Cirrus Models SR20, SR22, SR22T LSM-501-100 WAS REV B. LSM-501-102 WAS REV H. LSM-502-100 WAS REV O. LSM-800-003 WAS REV C. LSM-800-004 WAS REV B. LSM-800-009 WAS REV I.</p>
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	LSM-SCD-003 WAS REV A. LSM-SCD-004 WAS REV C. LSM-SCD-008 WAS REV J. LSM-SCD-009 WAS REV D. LSM-SCD-019 WAS REV J. LSM-SCD-038 WAS REV J. <b>ADDED LSM-SCD-047 REV IR.</b>
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F. A. A.  
APPROVED  
ATLANTA AIRCRAFT CERTIFICATION  
OFFICE CENTRAL REGION  
BY: *[Signature]*  
DATE: *11/2/2017*



# *LoPresti Aviation*

## FAA APPROVED MODEL LIST (AML) LSM-500-025

FOR SUPPLEMENTAL TYPE CERTIFICATE STC NO.SA02279AT  
FOR INSTALLATION OF HIGH INTENSITY DISCHARGE (HID), /LED TAXI /  
LANDING / RECOGNITION LIGHTING SYSTEMS

FAA APPROVED: \_\_\_\_\_



DATE: \_\_\_\_\_



**FAA APPROVED MODEL LIST (AML)**

FOR SUPPLEMENTAL TYPE CERTIFICATE STC NO. SA02279AT  
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**REVISIONS**

REV	PAGES	DESCRIPTION	FAA APPROVED
IR	All	Initial Release	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 02/07/03
A	All	Added Cessna 172M Added Mooney M20C, E, F, G and J Added Raytheon King Air Models Added Tiger AG5B Added Piper Models with LoPresti Wing Tips	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 04/16/03
B	All	Added PA-28-151, PA-28-161, 172R, 172S, 210A thru 210H, 210J thru 210N, 210R	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 06/06/03
C	All	Added document number and description. Added LSM-500-016 for models PA-28- 140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-181, PA-28-201, PA- 28-235, PA-28-236, PA-28R-180, PA- 28R-200, PA-28R-201, PA-28RT-201, PA-32-300, PA-32-301, PA-32R-300, PA-32R-301, PA-32RT-300, PA-32RT- 301, Added LSM-500-032 for models 172M, 172N, 172L, Added LSM-500-033 for models PA34-200, PA34-200T, PA34-220T, Added LSM-500-035 for models 172M, 172N, 172L, Added LSM-500-036 for models PA-28R-180, PA-28R-200, PA- 28R-201, PA-28RT-201	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 07/17/03

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D	All	Added LSM-500-044 for Piper model PA-44-180	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 07/07/04
E	All	Added LSM-500-040 for Cessna Model 208, 208A, 208B Added Raytheon Model 58P and 58TCA for LSM-500-019	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 11/18/04
F	All	Added Piper Model PA-32-301FT and PA-32-301XTC for LSM-500-034	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 01/26/05
G	All	Added LSM-500-043 for Raytheon models 33, 35, 36 Added LSM-500-058 for Mooney models M-20L, M-20M, M-20R, M-20S Added LSM-500-059 for Cessna models 310, 320	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 09/30/05
H	All	Added LSM-500-041 for Turbo Arrow models PA-28-201T, PA-28R-201T and PA-28RT-201T. Added LSM-500-045 for Socata models TBM 700 and TBM 800. Added LSM-500-063 for Baron Models 58P and 58PA. Added LSM-500-064 for Cessna Models 182S, 182T and T182T. Added LSM-800-007 for Cirrus Model SR22. Revised LSM-500-019 to delete Baron Models 58P and 58PA. Added Models 206H, T206G, TU 206F, TU206G, U206, U206F and U206G to LSM-500-014. Deleted the following models from LSM-500-027: 99, 99A, 99A (FACH), 1900, 1900C, 1900D, 65-A90-1, 65-A90-2, 65-	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 07/03/07

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		A90-3, 65-A90-4, A99, A99A, B99, C99.	
J	All	Added LSM-500-067 for model DA-40 Added LSM-500-073 for models DHC 2, DHC-2 MKI, DHC-2 MKIII Added LSM-500-074 for models PA- 31T, PA-31T1, PA-31T2, PA-31T3, PA- 42	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 12-20-07
K	All	Added models B200GT and B200CGT to LSM-500-027	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 05/29/08
L	All	Added LSM-500-302 for models SR20 & SR22	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 08/26/08
M	All	Added LSM-500-077 for model DA-20	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 10/21/08
N	All	Added model C90Gti for LSM-500-027 Added LSM-500-082 for models SR20 & SR22	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 08/04/09

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O	All	Added model SR22 for LSM-800-028	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 11/24/09
P	All	Added model PA-46R-350T for LSM-500-013 Added LSM-500-081 for model PA-46R-350T Added LSM-500-075 for models PC-12, PC-12/45, PC-12/47, PC-12/47E Revised Model 800 to Model 850 for LSM-500-045	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 02/04/10
Q	All	Added LSM-500-089 for models 172A thru 172I, 172K, 172M, 172N, 172P, 172Q, F172, FR172, R172E Added LSM-500-090 for models 401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425 Added LSM-500-092 for Lancair models LC40-550FG, LC41-550FG, LC42-550FG Columbia models 300, 350, 400, Cessna model 400 Added LSM-500-093 for models 182P, 182Q, 182R, 185 Added LSM-500-094 for models 337, 337F, T337F, 337G, T337G, 337H, P337H, T337H, T337H-SP Added LSM-500-095 for models SR20, SR22 Added LSM-500-096 for models A90, B90	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 08/03/10

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R	All	Added LSM-500-097 for models PC-12, PC-12/45, PC-12/47, PC-12/47E Added LSM-500-098 for models PA-32-301T, PA-32R-301RT, PA-32RT-300T	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 06/09/11
S	All	Added LSM-500-084 for models M-4, M-5, M-6, M-7	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 07/31/14
T	All	Added LSM-500-110 for Beechcraft Premier 390 Added Models 55A, 55B, 55C, 55D, 55E for LSM-500-019 Added Model SR22T for LSM-500-082	<u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration  Date: 01/31/15

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U		Reformatted document Added LSM-SCD-039, LSM-SCD-042, LSM-500-122	<p><u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration</p> <p>Date: 08/25/15</p>
V	All	Added Item #43 LSM-500-127 for models PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T. Added Item #44 LSM-500-128 for model P-180.	<p><u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration</p> <p>Date: 08/24/16</p>
W	ALL	Added Item 45 for Embraer Model EMB-505. Revised MDL 43 to Revision AE.	<p><u>Bryan Long</u> for Manager Atlanta Aircraft Certification Office Federal Aviation Administration</p> <p>Date: 12/07/16</p>

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Y	ALL	Revised MDL 43 to Revision AF. Added models 310A (USAF U-3A) 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R for Item 2, Added Items 46 & 47.	
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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
1	Cessna Aircraft Company	185	3A24	CFR Part 23	Master Drawing List: (MDL) No.: 43. Rev.: AF Date: 10/20/17 STC No. SA02279AT
2		310, 310A (USAF U-3A) 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R	3A10		
3		510	A00014WI		
4		172L, 172M, 172N, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S	3A12		
5		182S, 182T, T182T, 182P, 182Q, 182R	3A13		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
6	Cessna Aircraft	206H, P206, P206A, P206B, P206C, P206E, T206H, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G	A4CE	CFR Part 23	Master Drawing List: (MDL) No.: 43, Rev.: AF Date 10/20/17 STC No. SA02279AT
7		208, 208B	A34CE		
8		210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, P210N, P210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R	3A21		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
9	Cessna Aircraft Company	320-1, 320A, 320B, 320C, 320D, 320E, 320F, 340A, 320	3A25	CFR Part 23	Master Drawing List: (MDL) No.: 43, Rev.: AF Date: 10/20/17 STC No. SA02279AT
10		337, 337F, 337G, 337H, P337H, T337F, T337G, T337H, T337H-SP	A6CE		
11		401, 402, 411, 414, 421, 425, 401A, 401B, 402A, 402B, 402C, 411A, 414A, 421A, 421B, 421C	A7CE		
12		525, 525A, 525B	A1W1		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
13	Cessna Aircraft Company	T240, LC40-550FG, LC41-550FG, LC42-550FG (400, , TTX, Corvallis)	A00003SE	CFR Part 23	Master Drawing List: (MDL) No.: 43, Rev.: AF Date 10/20/17 STC No. SA02279AT
14	Cirrus Design Corporation	SR20, SR22, SR22T	A00009CH		
15	deHavilland Bombardier Inc	DHC-2 MKI, DHC-2 MKIII	A-806		
16	Diamond Aircraft Industries GmbH	DA 40, DA 40 F, DA 40 NG	A47CE		
17		DA-20-A1, DA-20-C1	TA4CH		
18	Extra Flugzeugproduktion- und Vertriebs - GmbH	EA 400	A43CE		
19	True Flight Holdings LLC	AA-5, AA-5A, AA-5B, AG-5B	A16EA		
20	Beechcraft Corporation	390	A00010WI		
21		100, A100, A100A, A100C, B100, C99	A14CE		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
22	Beechcraft Corporation	200, 300, 200C, 200CT, 200T, 300LW, A100-1, A200C, A200CT, B200, B200C, B200CGT, B200CT, B200GT, B200T, B300, B300C, C-12D, C-12F, C-12R, FWC-12D, RC-12D, RC-12G, RC-12H, RC-12K, RC-12P, RC-12Q, U-21J, UC-12B, UC-12F, UC-12M	A24CE	CFR Part 23	Master Drawing List: (MDL) No.: 43, Rev.: AF Date: 10/20/17 STC No. SA02279AT
23		36, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, A36, A36TC, B36TC, E33, E33A, E33C, F33, F33A, F33C, G33, G36, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B	3A15		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
24	Beechcraft Corporation	58, 55E, 58A, B95A, D55, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-C55, 95-C55A, G58, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95a	3A16	CFR Part 23	Master Drawing List: (MDL) No.: 43. Rev.: AF Date 10/20/17 STC No. SA02279AT
25		58P, 58PA, 58TC, 58TCA	A23CE		
26		A90, B90, C90, C90A, C90GT, C90GTi, E90, H90, JU-21A, RU-21A, RU-21B, RU-21C, RU-21D, RU-21E, RU-21H, U-21A, U-21G	3A20		
27		F90	A31CE		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
28	Maule Aerospace Technology, Inc.	M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-235, M-6-180, M-7-235, MX-7-235, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235A, M-7-235B, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420AC, MT-7-420	3A23	CFR Part 23	Master Drawing List: (MDL) No. 43, Rev.: AF Date 10/20/17 STC No. SA02279AT

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
29	Mooney International Corporation	M20C, M20E, M20F, M20G, M20J, M-20M, M-20R, M-20S	2A3	CFR Part 23	Master Drawing List: (MDL) No.: 43. Rev.: AF Date 10/20/17 STC No. SA02279AT
30	Pilatus Aircraft Limited	PC-12, PC-12/45, PC-12/47, PC-12/47E	A78EU		
31	Piper Aircraft Company	PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250	1A10		
32		PA-24-180, PA-24-250, PA-24-260, PA-24-400	1A15		
33		PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-161, PA-28-180, PA-28-181, PA-28-201, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28RT-201, PA-28R-201T, PA-28RT-201T	2A13		
34		PA-30, PA-39	A1EA		

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Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation	
35	Piper Aircraft Company	PA-31, PA-31-300, PA-31-325, PA-31-350	A20SO	CFR Part 23	Master Drawing List: (MDL) No.: 43. Rev.: AF Date 10/20/17 STC No. SA02279AT	
36		PA-32-300, PA-32-301, PA-32-301FT, PA-32-301T, PA-32-301XTC, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T	A3SO			
37		PA-34-200, PA-34-200T, PA-34-220T	A7SO			
38		PA-42, PA-42-1000., PA-42-720R	A23SO			
39		PA-42-720R	A32SO			
40		PA-44-180, PA-44-180T	A19SO			
41		PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T	A25SO			
42		EADS Socata	TBM 700			A60EU

**LoPresti Aviation**

772-228-9745 Or Fax 772-228-9750 [loprestiaviation.com](http://loprestiaviation.com)

FAA Approved Date: NOV 2 2017

**FAA APPROVED MODEL LIST (AML)**

FOR SUPPLEMENTAL TYPE CERTIFICATE STC NO. SA02279AT  
FOR INSTALLATION OF HIGH INTENSITY DISCHARGE (HID), / LED TAXI /  
LANDING / RECOGNITION LIGHTING SYSTEMS

Item	Aircraft Make	Aircraft Model	Type Certificate Data Sheet Number	Certification Basis For Alteration	Required Approved Data and Added Specific Limitation
43	Piper Aircraft Company	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T	A3SO	CFR Part 23	Master Drawing List: (MDL) No.: 43, Rev.: AF Date: 10/20/17 STC No. SA02279AT
44	Piaggio Aero Industries S.p.A.	P-180	A59EU		
45	Embraer S.A.	EMB-505	A60CE		
46	Beech Aircraft Corporation	19A, B19, M19A 23, A23, A23A A23-19, A23-24 B23, C23, A24 A24R, B24R C24R	A1CE		
47	Embraer S.A.	EMB-500	A59CE		

END



LoPresti Aviation  
772-228-9745 Or Fax 772-228-9750 [loprestiaviation.com](http://loprestiaviation.com)

FAA Approved Date: \_\_\_\_\_

210 Airport Drive East  
Sebastian, FL 32958

www.LoPrestiAviation.com  
772-562-4757



# Contact LoPresti for STC Permission Form



United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA02279AT

*This certificate is issued to* LoPresti Speed Merchants  
2620 Airport North Drive  
Vero Beach, Florida 32960

*certifies that the change in the type design for the following product with the limitations and conditions  
therefor as specified herein meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product -- Type Certificate Number :* \* See attached

*Make :* FAA Approved Model List (AML)

*Model :* Document LSM-500-025 for a list of  
Approved Airplane Models

*Description of Type Design Change:*

Installation of a Boom Beam Bulb, Starter and Ballast in accordance with Master Drawing List Report  
Number 43, Revision F, dated 15 July 2002, or later FAA Approved Revision.

*Limitations and Conditions :*

This approval should not be extended to other aircraft of this model on which other previously approved  
modifications are incorporated unless it is determined by the installer that the interrelationship between this  
change and any of those other previously approved modifications will produce no adverse affect upon the  
airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the  
product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until  
surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the  
Federal Aviation Administration.*

*Date of application :* August 15, 2002

*Date reissued :*

*Date of issuance :* February 14, 2001

*Date amended :* April 5, 2001; July 22, 2002;  
February 14, 2003



*By direction of the Administrator*

*Eugene R. Bollini*  
(Signature)

for Melvin D. Taylor, Manager,  
Atlanta Aircraft Certification Office

(Title)